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-	66	brak\$4 same (first or one) adj2 cam same (another or second)	USPAT;	2004/04/10 11:00
• 1 %		adj2 cam same (electric or motor or electromotor or	US-PGPUB	
		electromechanic\$4 or park\$4 or emergency)		
-	733		USPAT;	2004/04/10 11:00
		electromechanic\$4 or park\$4 or emergency)	US-PGPUB;	
		,	EPO; JPO;	
			DERWENT	0004/044/04
-	0	brak\$4 same cams! same (electric adj motor or electromotor or	USPAT;	2004/04/10 11:01
		electromechanic\$4) same (park\$4 or emergency) adj2 brak\$4	US-PGPUB;	
			EPO; JPO;	
			DERWENT	0004/04/40 44 04
-	22	brak\$4 same cam same (electric adj motor or electromotor or	USPAT;	2004/04/10 11:01
		electromechanic\$4) same (park\$4 or emergency) adj2 brak\$4	US-PGPUB;	
1			EPO; JPO;	
			DERWENT	

0 (	127	( brak\$4 same (first or one) adj2 cam same (another or second) adj2 cam same (electric or motor or electromotor or electromechanic\$4 or park\$4 or emergency)) or ((("4836338"	USPAT; US-PGPUB	2004/04/10 11:5
		"4877113"		
		"4944372"		
		"5020386"		
		"5219049"	· ·	
		"5785157"		
		"5807205"		
		"6125983"		
		"6505714" "4995405"		
		"4865165" "5348433"		
		"5348123" "6295487"		
		"5582073"		
		"5180038"		
		"4775939"		
		"4805711"		
		"5000295"		
		"6186253"		
		"6203116"		
		"4175646"		
		"4265345"		
		"4339154" "4796513"		
		"4809824"		
		"4817463"		
		"4850457"		
		"4850459"		
		"4893701"		
		"4928543"		
	ı	"4938042"		
		"4998177"		
		"5024299"		
		"5230397" "5310026"		
		"5310251"		
		"5327724"		
		"5340202"		
		"5456133"		
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		"5558412"		
		"5558411"		
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		"5566587"		
		"5572187" "5577706"		
		"5586812"		
		"5593214"		
		"5660409"		
		"5696680"		
		"5701974").pn.		
		("5704693"		
		"5738416"		
		"5796192" "5927440"		
		"5827149" "5800645"		
		"5890545"   "5934395"		
		"5957246"		
		"5980423"		
		"5992575"		
		"6007451"		
		"6025685"		
		"6082504"		
•		"6139117"		
		"6213259"		
		"6213259" "6240737"		
	111015	"6249737" 4"6267897"		
earch Hist	ory 4/10/04	4 (1 <del>936)(89</del> AM Page 13 "6293363"		
:\APPS\ea	st\workspac	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		"6311808"		

brak\$4 same (first or one) adj2 cam same (another or second)
adj2 cam same (electric or motor or electromotor or electromechanic\$4 or park\$4 or emergency)

EPO; JPO;
DERWENT

# PLU5 4/10/04

### Butler Douglas

From:

**PLUS** 

Sent:

Wednesday, March 03, 2004 9:09 AM

To:

Butler, Douglas

Subject:

PLUS Results for 10720148

Here are the PLUS search results for 10720148.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.

















1

#### 10720148 LIST

PLUS Search Results for S/N 10720148, Searched March 03, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4836338	5704693	4768624
4877113	5738416	4768625
4944372	5796192	4846322
5020386	5827149	4872368
5219049	5890545	4875563
5785157	5934395	5014831
5807205	5957246	5509326
6125983	5980423	5609066
6505714	5992575	5649453
4865165	6007451	5685405
5348123	6007451	5924540
6295487	6023663	
		3601230
5582073	6139117	3703941
5180038	6213259	3918321
4775939	6213259	3912050
4805711	6249737	3850268
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6186253	6293363	3830328
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4809824	6457783	4120383
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4850459	6588294	4279332
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5310020	5713189	4391159
5327724	5753873	4417649
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5549363	4519653	4522286
5558412	4407399	4603600
5558411	4953669	4610337
5558410	4953668	4614256
5566587	5828298	4632225
5572187	6186259	4805480
5577706	5467666	4809822
5586812	5477746	4905802
5593214	5611249	4909199
5660409	4270406	4926980
5696680	4795003	4966256
5701974	4582177	4991460

## 10720148\_CLS Most Frequently Occurring Classifications of Patents Returned From A Search of 10720148 on March 03, 2004

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Original Classifications
 11 188/156
 7
     188/72.1
     192/219.5
  6 -
     188/72.7
     74/512
     303/7
  4
     303/89
  4
     74/516
  3
     74/523
  3
     188/162
  3
     188/171
  3
     188/31
  3
  3
     188/71.4
     188/72.8
  3
     192/219.4
  3
  3
     303/3
  2
      70/245
      74/503
  2
     74/526
  2
    180/273
  2
     180/65.2
  2
     188/106A
  2
  2
     188/72.2
    303/71
Cross-Reference Classifications
 14 188/162
 10 188/156
 10 188/2D
    188/158
     303/20
  7
     188/106F
  7
     188/72.1
  7
     303/15
  6
     188/106P
  6
     303/71
  5
     74/483R
  5
      74/538
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  5
     74/542
  5
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     188/31
  5
     188/72.7
  5
     188/72.8
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     74/516
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      74/518
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      74/560
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     188/72.6
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     188/72.9
  4
     192/219.4
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     192/220.4
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      70/245
  3
      74/529
      74/557
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3
      74/567
     74/577M
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     180/65.1
  3
     188/170
     188/171
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  3
     188/69
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     188/71.4
     188/71.8
  3
     192/220.2
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     192/70
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     303/3
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  2
      74/577S
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      92/28
  2
      92/63
  2
     180/165
  2
     180/272
  2
     180/65.3
  2
     188/1.11R
  2
     188/161
  2
     188/163
  2
    188/326
  2
    188/71.9
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    188/72.2
    192/219.5
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    192/221
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    192/35
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     192/70.24
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     192/70.3
  2
     192/93A
  2
     303/74
  2
     310/77
  2
     475/149
     477/94
Combined Classifications
 21 188/156
     188/162
 17
     188/72.1
 14
 10
     188/158
     188/2D
 10
 10
     188/72.7
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9

8

303/20

188/31

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188/72.8
   192/219.5
   303/71
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   74/516
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   188/106F
   192/219.4
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7
   303/7
7
   303/89
    74/512
6
    74/542
6
6
   188/106P
   188/171
6
   188/71.4
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   303/3
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    70/245
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    74/483R
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   188/265
   188/72.6
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   188/170
   188/69
   188/72.2
   188/72.9
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    74/577M
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   188/106A
3
   188/71.8
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   192/70
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   477/96
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    70/254
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    74/107
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    74/473.21
2
    74/500.5
2
    74/501.5R
2
    74/503
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2
    74/526
    74/532
    74/539
2
    74/543
2
    74/575
2
    74/577S
2
    92/28
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#### 10720148\_CLS

2 92/63 2 180/165 2 180/271 2 180/272 2 2 2 180/65.2 180/65.3 188/161 2 188/163 2 188/326 188/71.9 192/220.3 2 2 192/221 2 2 192/35 2 192/70.24 192/70.3 2 2 192/93A 200/61.87 2 2 310/77 2 475/149 2 477/94 477/99

#### 10720148 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned From A Search of 10720148 on March 03, 2004

```
21 188/156
                  (11 OR, 10 XR)
         Class
                 188 : BRAKES
         188/381
                       FRICTIONAL VIBRATION DAMPER
         188/156
                       .Electric and mechanical
                  (3 OR, 14 XR)
17
    188/162
                 188 : BRAKES
         Class
         188/381
                       FRICTIONAL VIBRATION DAMPER
         188/158
                       .Electric
         188/161
                        .. Electromagnet
         188/162
                        ...Rotary motor
14 188/72.1
                  (7 OR, 7 XR)
                 188 : BRAKES
         Class
         188/67
                       ROD
         188/71.1
                        .Axially movable brake element or housing
                           therefor
         188/72.1
                        ..With means for actuating brake element
10
   188/158
                  (1 OR, 9 XR)
         Class
                 188 : BRAKES
         188/381
                       FRICTIONAL VIBRATION DAMPER
         188/158
                       .Electric
10 188/2D
                  (0 OR, 10 XR)
         Class
                 188 : BRAKES
         188/2R
                       VEHICLE
         188/2D
                       .Bowdin wire-operated
  188/72.7
                  (5 OR, 5 XR)
         Class
                 188 : BRAKES
         188/67
                       ROD
         188/71.1
                        .Axially movable brake element or housing
                            therefor
         188/72.1
                        .. With means for actuating brake element
         188/72.7
                        ... By inclined surface (e.g., wedge, cam or
                          screw)
 9 303/20
                  (1 OR, 8 XR)
         Class
                 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
         303/20
                       ELECTRIC CONTROL
   188/31
                  (3 OR, 5 XR)
         Class
                 188 : BRAKES
         188/2R
                       VEHICLE
         188/31
                       .Positive lock
   188/72.8
                  (3 OR, 5 XR)
         Class
                 188 : BRAKES
         188/67
                       ROD
                       .Axially movable brake element or housing
         188/71.1
                              therefor
         188/72.1
                       .. With means for actuating brake element
         188/72.7
                       ... By inclined surface (e.g., wedge, cam or
                           screw)
```

	188/72.8	10720148_CLSTITLESScrew or helical cam
8	192/215 192/218 192/219	: CLUTCHES AND POWER-STOP CONTROL TRANSMISSION AND BRAKE .Motor vehicleTransmission control affects brakeEmergency or parking brake
8	303/71 (2 Class 303 303/50 303/68 303/71	OR, 6 XR) : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS MOTORMAN'S VALVES .MotorFluid-pressure retracting
7		OR, 4 XR) : MACHINE ELEMENT OR MECHANISM CONTROL LEVER AND LINKAGE SYSTEMS .Variable output force
7	188/106F (0 Class 188 188/381 188/105 188/106R 188/106F	: BRAKES
7	192/215	: CLUTCHES AND POWER-STOP CONTROL TRANSMISSION AND BRAKE .Motor vehicleTransmission control affects brake
7	Class 303 303/13	OR, 7 XR) : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS MULTIPLE CONTROL .Fluid and electric
7		OR, 3 XR) : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS MULTIPLE FLUID-RECEIVING DEVICES .Multiple motorsSectional train
7	303/89 (4 Class 303 303/89	OR, 3 XR) : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS LOCKS
6	74/512 (4 Class 074 74/469 74/512	OR, 2 XR) : MACHINE ELEMENT OR MECHANISM CONTROL LEVER AND LINKAGE SYSTEMS .Foot operated
6		OR, 5 XR) : MACHINE ELEMENT OR MECHANISM CONTROL LEVER AND LINKAGE SYSTEMS .Variable output force

Page 2

```
10720148 CLSTITLES
        74/527
                      ..Detents
        74/540
                      ...Lever carried rack
        74/542
                      ....Pedal controlled
6 188/106P
                 (0 OR, 6 XR)
        Class
                188 : BRAKES
        188/381
                      FRICTIONAL VIBRATION DAMPER
        188/105
                      .Multiple
        188/106R
                      ..Vehicle
        188/106P
                      ...Plural systems
                 (3 OR, 3 XR)
  188/171
                188 : BRAKES
        Class
        188/381
                      FRICTIONAL VIBRATION DAMPER
        188/166
                      .Spring
        188/171
                      ..Electric release
  188/71.4
                 (3 OR, 3 XR)
                188 : BRAKES
        Class
        188/67
                      ROD
        188/71.1
                      .Axially movable brake element or housing
                           therefor
        188/71.3
                      .. Antipodal, relatively separable brake
                          elements
        188/71.4
                      ... Annular elements
 303/3
                 (3 OR, 3 XR)
                303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
        Class
        303/2
                      MULTIPLE SYSTEMS
        303/3
                      .Fluid pressure and electric
5
    70/245
                (2 OR, 3 XR)
        Class
                070 : LOCKS
        70/57
                      SPECIAL APPLICATION
        70/237
                      .For automotive vehicles
        70/245
                      ..Transmission
5
    74/483R
                 (0 OR, 5 XR)
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/479.01
                      .Multiple controlling elements for single
                          controlled element
        74/483R
                      ..Interlocked
5
   74/523
                 (3 OR, 2 XR)
                074 : MACHINE ELEMENT OR MECHANISM
        Class
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/516
                      .Variable output force
        74/519
                      ..Levers
        74/523
                      ...Hand
5
    74/538
                 (0 OR, 5 XR)
       Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/516
                      .Variable output force
        74/527
                      ..Detents
        74/533
                      ...Lever engaging rack
        74/537
                      ....Finger lever release
        74/538
                      ....Slidable
```

Page 3

#### 10720148 CLSTITLES

```
74/540
                 (0 OR, 5 XR)
                074 : MACHINE ELEMENT OR MECHANISM
        Class
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/516
                      .Variable output force
        74/527
                    ..Detents
        74/540
                      ...Lever carried rack
  188/265
                 (0 OR, 5 XR)
        Class
                188 : BRAKES
        188/381
                      FRICTIONAL VIBRATION DAMPER
        188/265
                      .Locks
  188/72.6
                 (1 OR, 4 XR)
        Class
                188 : BRAKES
        188/67
                      ROD
        188/71.1
                      .Axially movable brake element or housing
                            therefor
                      .. With means for actuating brake element
        188/72.1
        188/72.4
                      ...By fluid pressure piston
        188/72.6
                    ....And/or mechanical linkage
5 192/220.4
                 (1 OR, 4 XR)
                192 : CLUTCHES AND POWER-STOP CONTROL
        Class
        192/215
                      TRANSMISSION AND BRAKE
        192/218
                     .Motor vehicle
        192/220
                     ..Brake control affects transmission change
        192/220.2
                     ...Park-lock device
        192/220.3
                     ....Floor-mounted shift lever
        192/220.4
                      .....Solenoid operated lock
                 (0 OR, 4 XR)
    74/518
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/516
                      .Variable output force
        74/518
                      ..Variable input leverage
                (1 OR, 3 XR)
   74/529
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/516
                      .Variable output force
        74/527
                      ..Detents
        74/529
                      ...Interrelated lever release
4
    74/560
                 (0 OR, 4 XR)
                074 : MACHINE ELEMENT OR MECHANISM
        Class
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
                      .Variable output force
        74/516
        74/560
                      ..Pedals
                 (1 OR, 3 XR)
 180/65.1
       Class
               180 : MOTOR VEHICLES
        180/54.1
                      POWER
        180/65.1
                      .Electric
  188/170
                 (1 OR, 3 XR)
       Class
                188 : BRAKES
       188/381
                      FRICTIONAL VIBRATION DAMPER
       188/166
                      .Spring
```

10720148 CLSTITLES 188/170 ..Fluid-pressure release (1 OR, 3 XR) 188/69 188 : BRAKES Class 188/67 ROD 188/69 .Positive lock 188/72.2 (2 OR, 2 XR) Class 188 : BRAKES 188/67 ROD 188/71.1 .Axially movable brake element or housing therefor .. With means for actuating brake element 188/72.1 ... Self-force-increasing means 188/72.2 188/72.9 (0 OR, 4 XR) Class 188 : BRAKES 188/67 ROD 188/71.1 .Axially movable brake element or housing therefor 188/72.1 .. With means for actuating brake element 188/72.9 ...By pivoted lever 192/220.2 (1 OR, 3 XR) 192 : CLUTCHES AND POWER-STOP CONTROL Class 192/215 TRANSMISSION AND BRAKE 192/218 .Motor vehicle ..Brake control affects transmission change 192/220 192/220.2 ...Park-lock device 3 70/247 (1 OR, 2 XR) Class 070 : LOCKS 70/57 SPECIAL APPLICATION 70/237 .For automotive vehicles 70/245 ..Transmission 70/247 ... Selective-type shift rod, fork or block 74/537 (1 OR, 2 XR) 3 074 : MACHINE ELEMENT OR MECHANISM Class 74/469 CONTROL LEVER AND LINKAGE SYSTEMS 74/516 .Variable output force 74/527 ..Detents 74/533 ...Lever engaging rack 74/537 ....Finger lever release 3 74/557 (0 OR, 3 XR) Class 074 : MACHINE ELEMENT OR MECHANISM CONTROL LEVER AND LINKAGE SYSTEMS 74/469 .Variable output force 74/516 74/543 .. Handles 74/552 ... Hand wheels 74/557 ....Handles 3 74/567 (0 OR, 3 XR) Class 074 : MACHINE ELEMENT OR MECHANISM 74/469 CONTROL LEVER AND LINKAGE SYSTEMS 74/567 . Cams

(0 OR, 3 XR)

3

74/577M

```
10720148 CLSTITLES
          Class
                  074 : MACHINE ELEMENT OR MECHANISM
          74/469
                        CONTROL LEVER AND LINKAGE SYSTEMS
          74/575
                        .Pawls and ratchets
          74/577R
                        ..Pivoted pawls
          74/577M
                        ...Multiple tooth
  3 180/273
                   (2 OR, 1 XR)
          Class
                  180 : MOTOR VEHICLES
          180/271
                        WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS
                             OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT
          180/272
                        .Responsive to absence or inattention of
                            operator, or negatively reactive to attempt to operate
                            vehicle by person not qualified mentally or physically t
0
                            do so
          180/273
                        .. Utilizing weight, or lack thereof, of
                           operator on seat or other support to determine presence o
r
                           absence
   188/1.11R
                   (1 OR, 2 XR)
          Class
                  188 : BRAKES
          188/1.11R
                        WITH CONDITION INDICATOR
  3 188/106A
                   (2 OR, 1 XR)
          Class
                  188 : BRAKES
          188/381
                        FRICTIONAL VIBRATION DAMPER
          188/105
                        .Multiple
          188/106R
                       ..Vehicle
          188/106A
                        ...Inside wheel
   188/71.8
                   (0 OR, 3 XR)
          Class
                  188 : BRAKES
          188/67
                        ROD
          188/71.1
                        .Axially movable brake element or housing
                             therefor
          188/71.7
                        ..With means to adjust for wear of brake
          188/71.8
                        ...Self-adjusting means
  3 192/70
                   (0 OR, 3 XR)
                  192 : CLUTCHES AND POWER-STOP CONTROL
          Class
          192/30R
                        CLUTCHES
          192/66.1
                        .Axially engaging
          192/70
                        ..Spreading
   192/83
                   (0 OR, 3 XR)
          Class
                  192 : CLUTCHES AND POWER-STOP CONTROL
          192/30R
                        CLUTCHES
          192/82R
                        .Operators
          192/83
                        .. Multiple for same clutch
                   (0 OR, 3 XR)
    303/155
                  303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
          Class
```

3 303/74 (1 OR, 2 XR)

303/121

303/155

0

Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS

SPEED-CONTROLLED

desire

Page 6

.Braking pressure demand or braking force

```
10720148 CLSTITLES
        303/50
                      MOTORMAN'S VALVES
        303/68
                      .Motor
        303/72
                      ..Delayed
                      ...Graduated
        303/74
  477/96
                 (0 OR, 3 XR)
        Class
                477 : INTERRELATED POWER DELIVERY CONTROLS,
                        INCLUDING ENGINE CONTROL
        477/34
                      TRANSMISSION CONTROL
        477/92
                      .With brake control
        477/96
                      .. One control blocks another
    70/254
                 (0 OR, 2 XR)
                070 : LOCKS
        Class
        70/57
                      SPECIAL APPLICATION
        70/237
                      .For automotive vehicles
        70/254
                      .. Control levers with switch
    74/107
                 (0 OR, 2 XR)
2
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/840
                      ROTARY DRIVEN DEVICE ADJUSTABLE DURING
                            OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE
        74/99R
                      .Reciprocating to or from oscillating
        74/102
                      ..Lever and slide
        74/107
                      ... Cam connections
                 (1 OR, 1 XR)
2
    74/473.21
                074 : MACHINE ELEMENT OR MECHANISM
        Class
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/471R
                      .Multiple controlled elements
        74/473.1
                      ..Transmission control
        74/473.21
                      ... Restriction of shift, gear selection, or
                         gear engagement
2
    74/500.5
                 (0 OR, 2 XR)
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
                      .Hand operated
        74/491
                     ..Flexible transmitter (e.g., Bowden cable)
        74/500.5
    74/501.5R
                 (0 OR, 2 XR)
2
                074 : MACHINE ELEMENT OR MECHANISM
        Class
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/491
                      .Hand operated
        74/500.5
                     ..Flexible transmitter (e.g., Bowden cable)
        74/501.5R
                      ... Constant tension sustaining
2
    74/503
                 (2 OR, 0 XR)
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/491
                      .Hand operated
        74/503
                      ...Sliding rod
2
    74/526
                 (2 OR, 0 XR)
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/516
                      .Variable output force
        74/519
                      ..Levers
        74/526
                      ...Stops
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```
(0 OR, 2 XR)
     74/532
                 074 : MACHINE ELEMENT OR MECHANISM
         Class
                        CONTROL LEVER AND LINKAGE SYSTEMS
         74/469
                        .Variable output force
         74/516
         74/527
                        ..Detents
         74/532
                        ...Lever engaging
                   (0 OR, 2 XR)
 2
     74/539
                 074 : MACHINE ELEMENT OR MECHANISM
         Class
         74/469
                        CONTROL LEVER AND LINKAGE SYSTEMS
         74/516
                        .Variable output force
                        ..Detents
         74/527
                        ...Lever engaging rack
         74/533
                        ....Pedal controlled
         74/539
 2
     74/543
                   (0 OR, 2 XR)
                  074 : MACHINE ELEMENT OR MECHANISM
         Class
                        CONTROL LEVER AND LINKAGE SYSTEMS
          74/469
                        .Variable output force
          74/516
          74/543
                        ..Handles
                   (1 OR, 1 XR)
     74/575
                  074 : MACHINE ELEMENT OR MECHANISM
          Class
                        CONTROL LEVER AND LINKAGE SYSTEMS
          74/469
          74/575
                        .Pawls and ratchets
                   (0 OR, 2 XR)
     74/577S
                  074 : MACHINE ELEMENT OR MECHANISM
          Class
                        CONTROL LEVER AND LINKAGE SYSTEMS
          74/469
                        .Pawls and ratchets
          74/575
                        ..Pivoted pawls
          74/577R
                        ...Single tooth
          74/577S
                   (0 OR, 2 XR)
  2
      92/28
          Class
                  092 : EXPANSIBLE CHAMBER DEVICES
                        WITH RELEASABLE STOP OR LATCH MEANS TO PREVENT
          92/15
                            MOVEMENT OF WORKING MEMBER
          92/28
                        .Fluid actuated (27)
                   (0 OR, 2 XR)
  2
     92/63
                  092 : EXPANSIBLE CHAMBER DEVICES
          Class
                        RELATIVELY MOVABLE WORKING MEMBERS
          92/61
                        .First working member moves second coaxial
          92/62
                            working member through separating abutment surfaces
          92/63
                        ..With separate biasing means for a working
                           member
                   (0 OR, 2 XR)
    180/165
                  180 : MOTOR VEHICLES
          Class
                        WITH FLUID OR MECHANICAL MEANS TO ACCUMULATE
          180/165
                           ENERGY (I) DERIVED FROM MOTION OF VEHICLE OR (II) OBTAINE
D
                           FROM OPERATION OF VEHICLE MOTOR, AND GIVE UP THE ENERGY (
1)
                           WHEN NEEDED FOR VEHICLE ACCELERATION OR (2) TO POWER AN
                           AUXILIARY SYSTEM OF THE VEHICLE
                   (1 OR, 1 XR)
    180/271
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#### 10720148 CLSTITLES

Class 180 : MOTOR VEHICLES WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT 2 180/272 (0 OR, 2 XR) Class 180 : MOTOR VEHICLES 180/271 WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT 180/272 .Responsive to absence or inattention of operator, or negatively reactive to attempt to operate vehicle by person not qualified mentally or physically to do so (2 OR, 0 XR) 2 180/65.2 Class 180 : MOTOR VEHICLES 180/54.1 POWER 180/65.1 .Electric 180/65.2 .. Combined with nonelectric drive means (0 OR, 2 XR) 180/65.3 Class 180 : MOTOR VEHICLES 180/54.1 POWER 180/65.1 .Electric 180/65.3 ..With means on vehicle for generating power for the electric motor 2 188/161 (0 OR, 2 XR) Class 188 : BRAKES 188/381 FRICTIONAL VIBRATION DAMPER .Electric 188/158 188/161 ..Electromagnet 2 188/163 (0 OR, 2 XR) Class 188 : BRAKES FRICTIONAL VIBRATION DAMPER 188/381 .Electric 188/158 ..Electromagnet 188/161 188/163 ...Solenoid (0 OR, 2 XR) 188/326 Class 188 : BRAKES 188/67 ROD 188/74 .Transversely movable 188/78 ..Expanding 188/325 ... Two shoes 188/326 ....Operators at both ends of each shoe 188/71.9 (0 OR, 2 XR) Class 188 : BRAKES 188/67 ROD 188/71.1 .Axially movable brake element or housing therefor 188/71.7 ..With means to adjust for wear of brake 188/71.8 ...Self-adjusting means

192/220.3 (1 OR, 1 XR)

188/71.9

Class 192 : CLUTCHES AND POWER-STOP CONTROL

....Including unidirectionally rotating screw

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10720148 CLSTITLES
        192/215
                      TRANSMISSION AND BRAKE
        192/218
                      .Motor vehicle
                      ..Brake control affects transmission change
        192/220
        192/220.2
                      ...Park-lock device
        192/220.3
                      ....Floor-mounted shift lever
2 192/221
                 (0 OR, 2 XR)
                192 : CLUTCHES AND POWER-STOP CONTROL
        Class
        192/215
                      TRANSMISSION AND BRAKE
        192/218
                      .Motor vehicle
        192/221
                      .. Fluid operated
2 192/35
                 (0 OR, 2 XR)
        Class
                192 : CLUTCHES AND POWER-STOP CONTROL
        192/30R
                      CLUTCHES
        192/31
                      .Automatic
        192/32
                    ...Manual control
        192/35
                      ...Pilot mechanism
2 192/70.24
                 (0 OR, 2 XR)
        Class
                192 : CLUTCHES AND POWER-STOP CONTROL
        192/30R
                      CLUTCHES
        192/66.1
                      .Axially engaging
        192/70.11
                      .. Interposed, mating clutch-elements
        192/70.23
                      ...With cam or wedge contacting clutch-element
                          or pressure plate for axial movement thereof
        192/70.24
                      .... By cam surface on bell-crank
                 (0 OR, 2 XR)
2 192/70.3
        Class
                192 : CLUTCHES AND POWER-STOP CONTROL
                      CLUTCHES
        192/30R
        192/66.1
                      .Axially engaging
        192/70.11
                      .. Interposed, mating clutch-elements
        192/70.3
                      ...With actuator lever pivoted on pressure
                         plate or back plate to move clutch-element axially
 192/93A
                 (0 OR, 2 XR)
                192 : CLUTCHES AND POWER-STOP CONTROL
        Class
        192/30R
                      CLUTCHES
        192/82R
                      .Operators
        192/93R
                      ..Cam
        192/93A
                      ... Axially thrusting cams rotatable about
                         clutch axis
2 200/61.87
                 (1 OR, 1 XR)
        Class
                200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS
        200/52R
                      SPECIAL APPLICATION
                      .Actuated concurrently with operation or use of
        200/61.58R
                           art device
        200/61.85
                      .. Manipulating, operating or carrying handle
        200/61.87
                      ... Hand brake lever
2 310/77
                 (0 OR, 2 XR)
        Class
                310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
        310/10
                      DYNAMOELECTRIC
        310/40R
                      .Rotary
        310/66
                      ..With other elements
        310/75R
                      ...Drive mechanism
        310/77
                      ....Brake
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2	,	,	OR; 2 XR) : PLANETARY GEAR TRANSMISSION SYSTEMS OR COMPONENTS ELECTRIC OR MAGNETIC DRIVE OR CONTROL
2	477/94	(0	OR, 2 XR)
	• -	477	: INTERRELATED POWER DELIVERY CONTROLS, INCLUDING ENGINE CONTROL TRANSMISSION CONTROL .With brake control .Brake controls transmission
2	477/99 Class 477/34 477/99	•	OR, 1 XR) : INTERRELATED POWER DELIVERY CONTROLS, INCLUDING ENGINE CONTROL TRANSMISSION CONTROL .Engine starting interlock